

# **PLASMA PROTEIN MATRICES AND METHODS FOR THEIR PREPARATION**

## **ABSTRACT**

A freeze dried biocompatible matrix comprising plasma proteins, useful as implants for tissue engineering as well as in biotechnology, and methods of producing the matrix are provided. Mechanical and physical parameters can be controlled by use of auxiliary components or additives which may be removed after the matrix is formed in order to improve the biological properties of the matrix. The matrices according to the present invention may be used clinically, per se or as a cell-bearing implant.

## **Cross-Reference to Related Applications**

This application is a continuation of International application PCT/IL02/00589 filed July 18, 2002, the entire content of which is expressly incorporated herein by reference thereto.